# Biochemistry Minor Checklist

## BGS Degree

This checklist is for advising purposes only. Consult your undergraduate catalog or official degree audit for degree requirements.

- Twelve advanced hours in the minor coursework are required.
- A 2.25 cumulative GPA must be maintained in all minor courses.
- No grade lower than a “C” will be accepted as credit for the BGS degree.

## 28 Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1341</td>
<td>General Chemistry I</td>
</tr>
<tr>
<td>(Prerequisite: Math 1315 with a grade of “C” or higher—See Advisor)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1141</td>
<td>General Chemistry Laboratory I</td>
</tr>
<tr>
<td>(Co-requisite: CHEM 1341)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1342</td>
<td>General Chemistry II</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 1341 with a grade of “C” or higher)</td>
<td></td>
</tr>
<tr>
<td>CHEM 1142</td>
<td>General Chemistry Laboratory II</td>
</tr>
<tr>
<td>(Co-requisite: CHEM 1342)</td>
<td></td>
</tr>
<tr>
<td>CHEM 2341</td>
<td>Organic Chemistry I</td>
</tr>
<tr>
<td>(Prerequisites: CHEM 1342 with a grade of “C” or higher, Pre or Co-requisite: CHEM 1142)</td>
<td></td>
</tr>
<tr>
<td>CHEM 2141</td>
<td>Organic Chemistry Laboratory I</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 1342/1142 with grades of “C” or higher, Pre or Co-requisite: CHEM 2341)</td>
<td></td>
</tr>
<tr>
<td>CHEM 2342</td>
<td>Organic Chemistry II</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 2341 with a grade of “C” or higher, Pre or Co-requisite: CHEM 2141)</td>
<td></td>
</tr>
<tr>
<td>CHEM 2142</td>
<td>Organic Chemistry Laboratory II</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 2341/2141 with grades of “C” or higher, Pre or Co-requisite: 2342)</td>
<td></td>
</tr>
<tr>
<td>CHEM 3276</td>
<td>Experimental Biochemistry</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 3375 or CHEM 4375 with a grade of “C” or higher)</td>
<td></td>
</tr>
</tbody>
</table>

Choose 1 course from:

<table>
<thead>
<tr>
<th>Course Code</th>
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</thead>
<tbody>
<tr>
<td>CHEM 3375</td>
<td>Principles of Biochemistry (offered Fall only)</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 2342 &amp; CHEM 2142 with grades of “C” or higher)</td>
<td></td>
</tr>
<tr>
<td>CHEM 4375</td>
<td>Biochemistry</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 2342 &amp; CHEM 2142 with grades of “C” or higher)</td>
<td></td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 4360</td>
<td>Advanced Biochemistry and Molecular Biology</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 3375 or CHEM 4375)</td>
<td></td>
</tr>
<tr>
<td>CHEM 4385</td>
<td>Metabolism</td>
</tr>
<tr>
<td>(Prerequisite: CHEM 3375 or CHEM 4375)</td>
<td></td>
</tr>
</tbody>
</table>

Additional BGS requirement to achieve 12 advanced minor hours (Need 4 hours):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Chemistry Course*</td>
<td></td>
</tr>
</tbody>
</table>

*Advanced=Junior/Senior-level (3000-4000) coursework